

Fig. 1 a

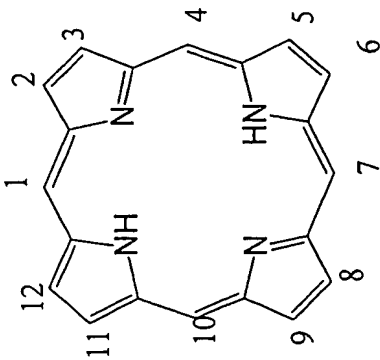
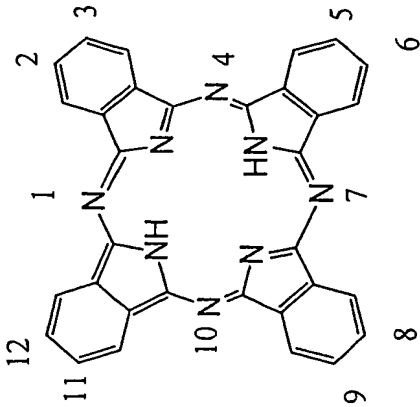
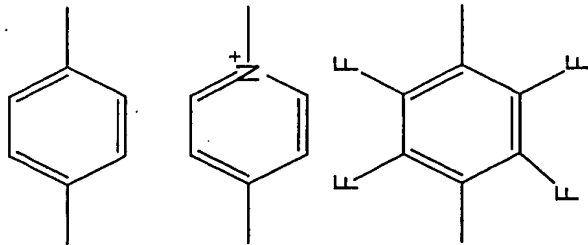
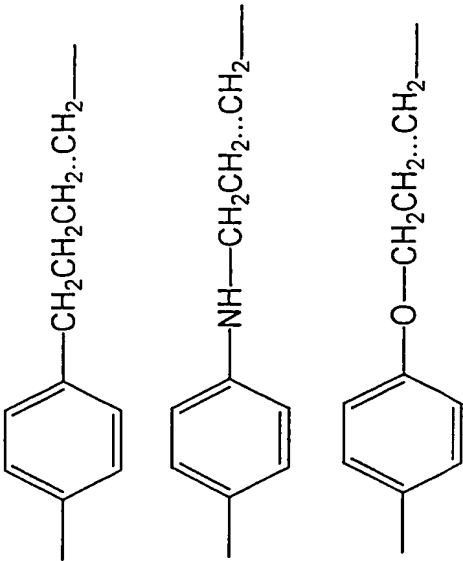
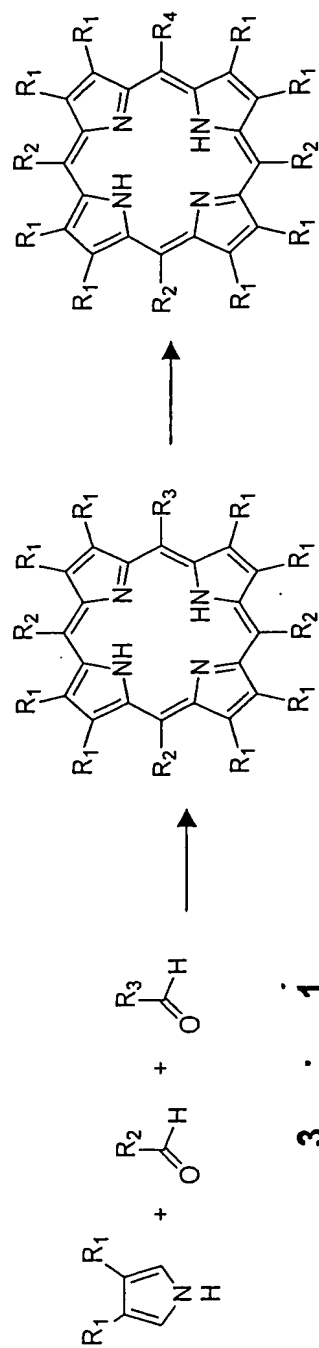
X	Y	Z
<p data-bbox="418 1402 795 1759">   Porphyrin         </p> <p data-bbox="971 1371 1388 1774">   Phthalocanine         </p>	<p data-bbox="305 871 889 1113">  </p> <p data-bbox="982 699 1442 1255">  </p>	<p data-bbox="451 367 500 562"> <math>\text{---N}^+(\text{CH}_3)_3</math> </p> <p data-bbox="617 367 665 562"> <math>\text{---N}^+\text{H}(\text{CH}_3)_2</math> </p> <p data-bbox="795 367 844 562"> <math>\text{---N}^+\text{H}_2(\text{CH}_3)</math> </p> <p data-bbox="982 388 1031 514"> <math>\text{---N}^+\text{H}_3</math> </p> <p data-bbox="1112 241 1226 598"> <math>\text{---N}^+(\underbrace{\text{CH}_2\text{CH}_2\text{CH}_2\cdots\text{CH}_2}_m)_3</math> </p>

Fig. 1 b

Formula I



Formula II

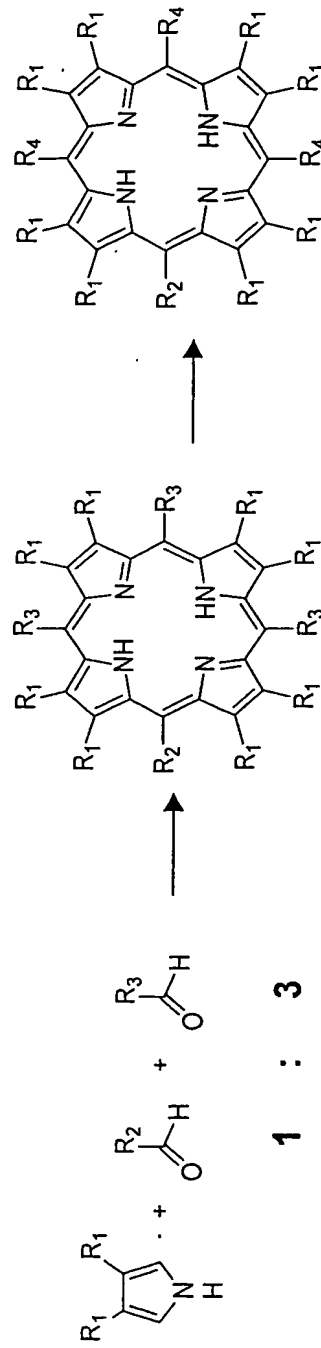
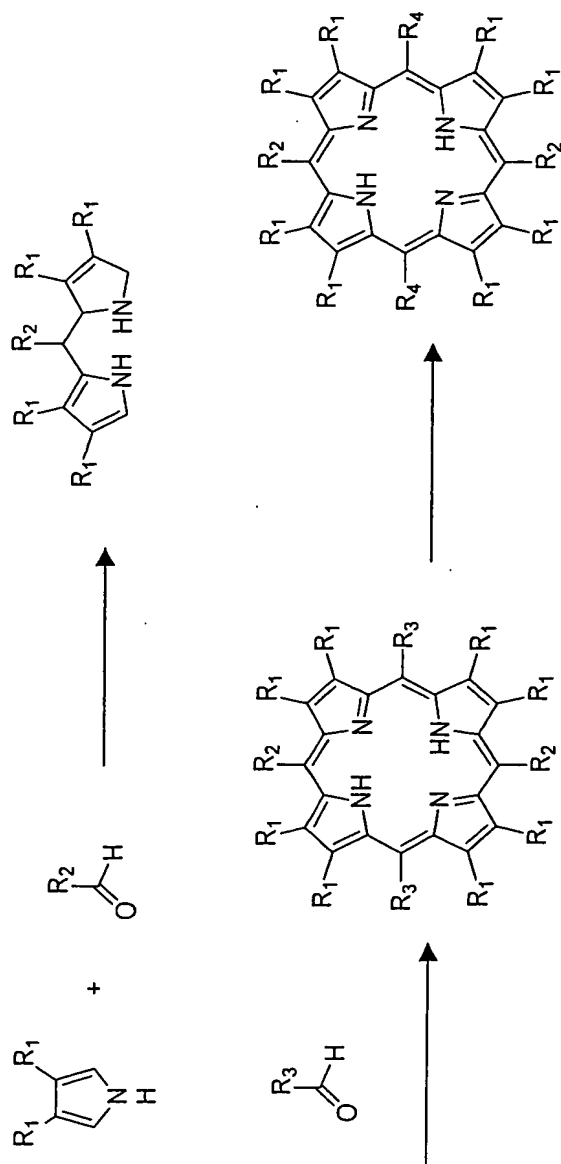
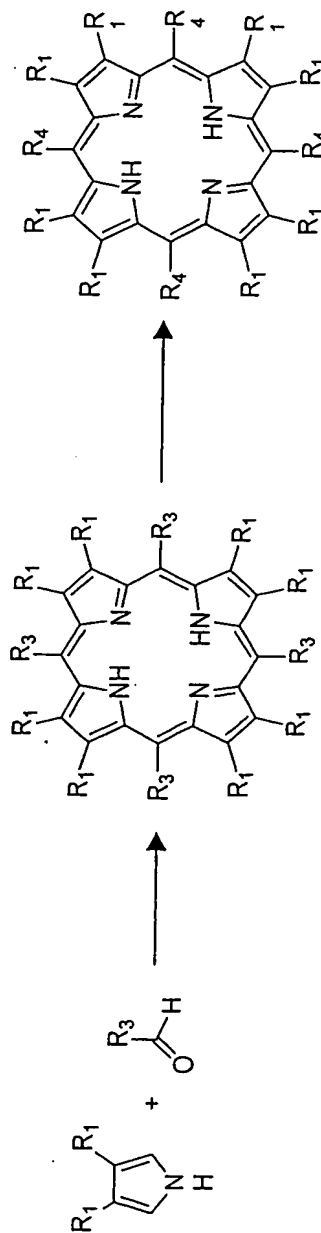


Fig. 1 b (continued)

Formula III



Formula IV



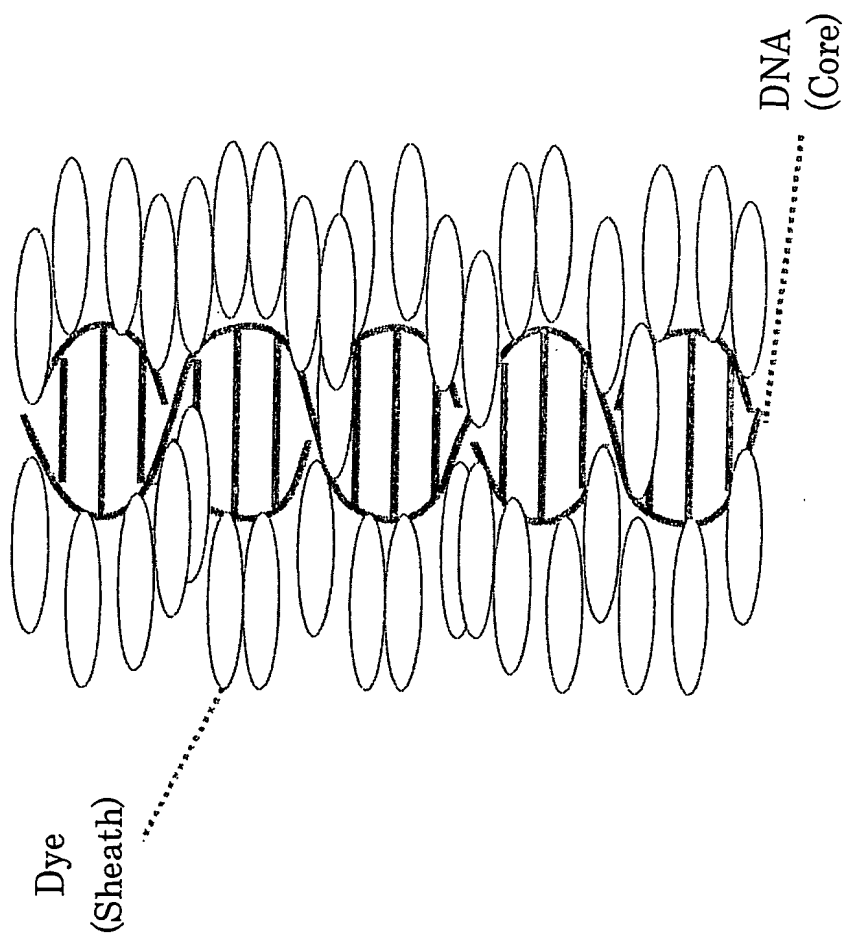


Fig. 2

Fig. 3

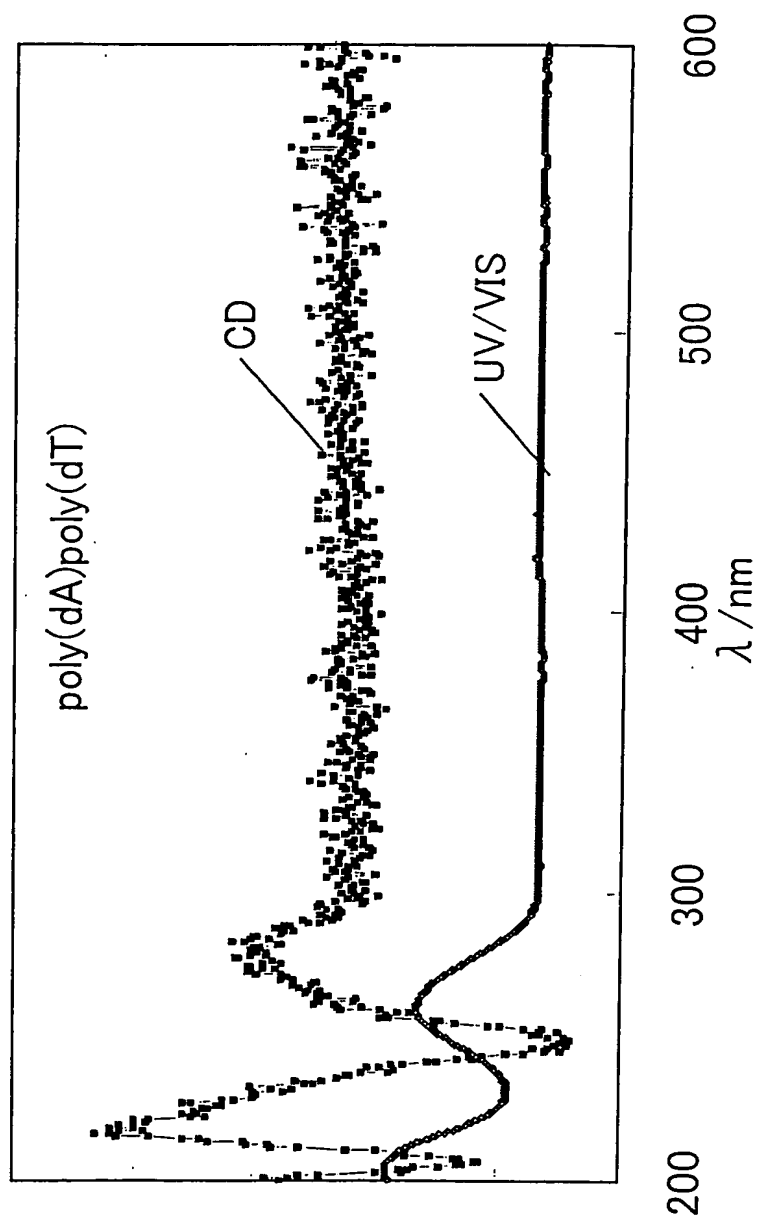


Fig. 4

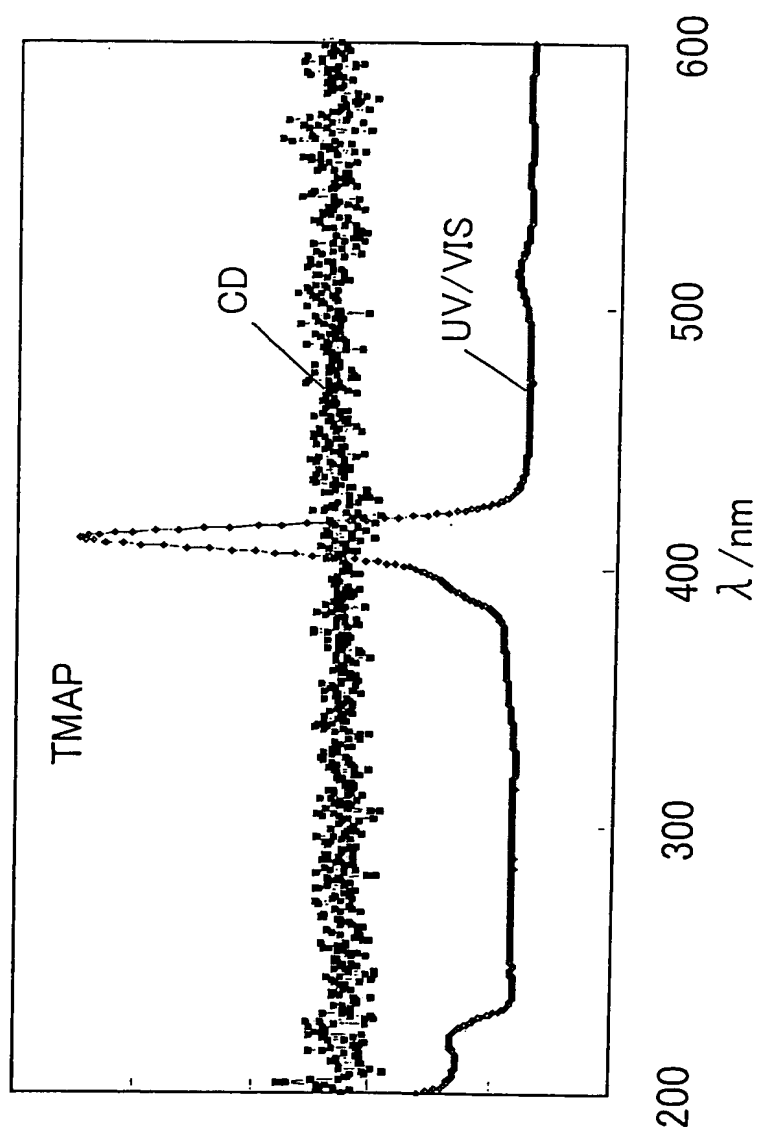


Fig. 5

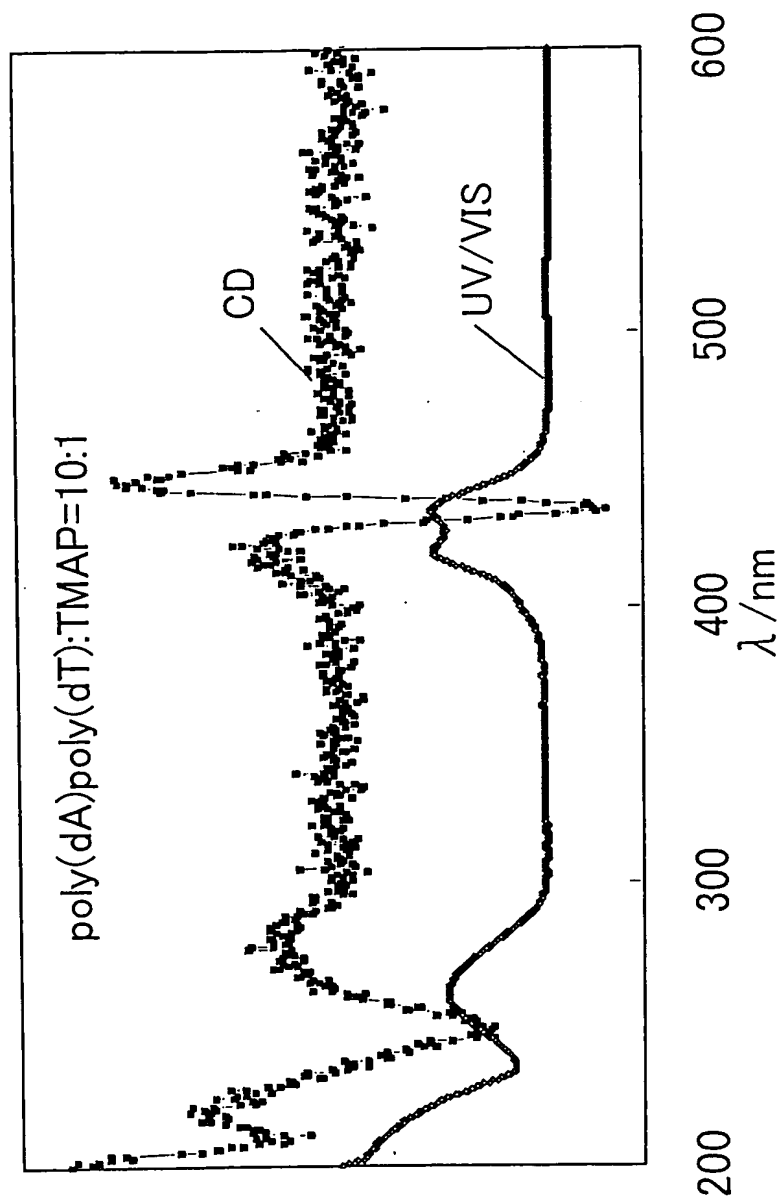


Fig.6

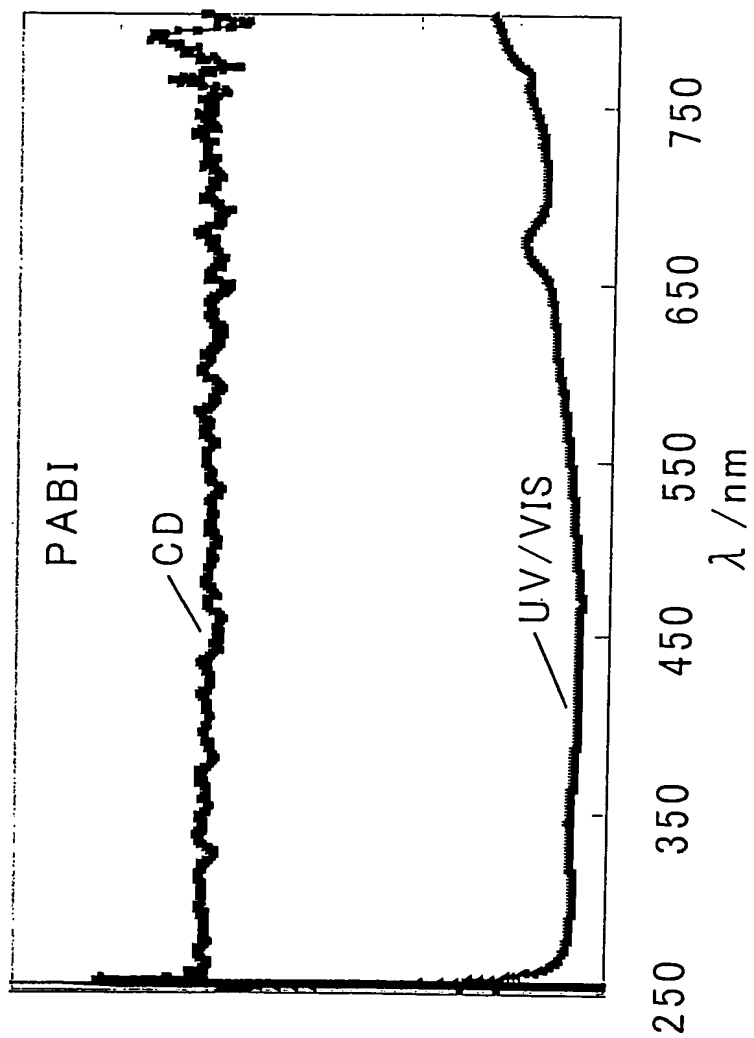




Fig. 7

